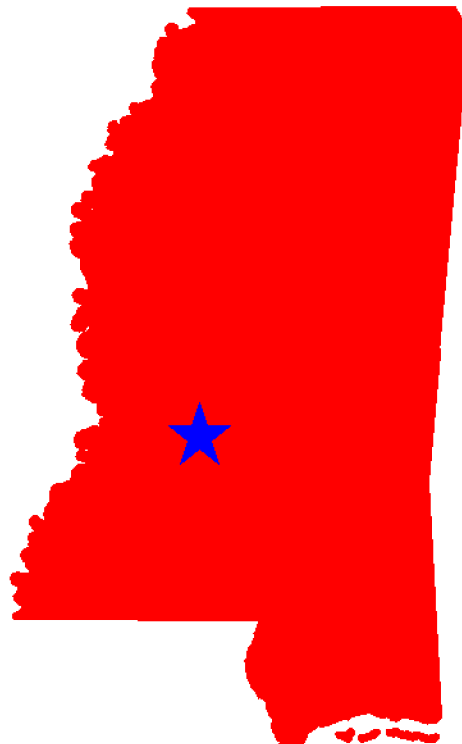




## Traffic Safety Facts Mississippi 2003-2007



This Report Contains Data From the Following Sources:

Fatality Data - NCSA Fatality Analysis Reporting System (FARS)

FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)

Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Mississippi State Survey

Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)

Population Data - U.S. Bureau of the Census



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## Fatality Rates: Mississippi , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	Mississippi	872	37,495	2.33	2,868,343	30.40
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Mississippi	900	39,431	2.28	2,886,860	31.18
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Mississippi	931	40,154	2.32	2,900,456	32.10
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Mississippi	911	41,498	2.20	2,899,112	31.42
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Mississippi	884			2,918,785	30.29
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

\*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2007 State Vehicle Miles Traveled (VMT) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change

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## Alcohol-Related Fatalities: Mississippi, U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	Mississippi	872	321	37	291	33	0.78
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Mississippi	900	352	39	327	36	0.83
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Mississippi	931	390	42	346	37	0.86
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	Mississippi	911	390	43	351	38	0.84
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Mississippi	884	358	40	321	36	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

\*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

\*\*Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

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## Alcohol-Impaired Driving Fatalities: Mississippi , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	Mississippi	872	278	32	0.74
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Mississippi	900	312	35	0.79
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Mississippi	931	322	35	0.80
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Mississippi	911	335	37	0.81
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	Mississippi	884	302	34	
	US	41,059	12,998	32	0.43
	Best State*			17	

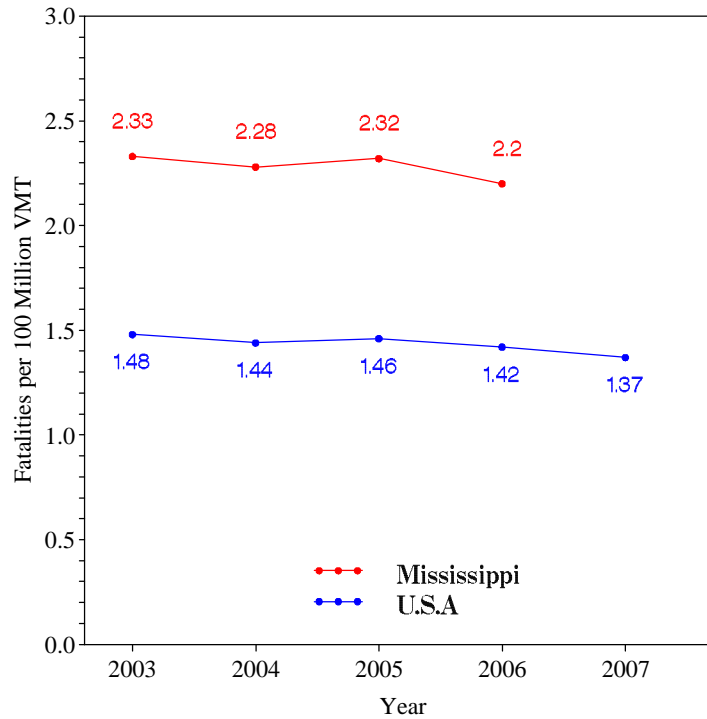
\*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

\*\*Includes BAC of All Involved Drivers and Motorcycle Riders Only

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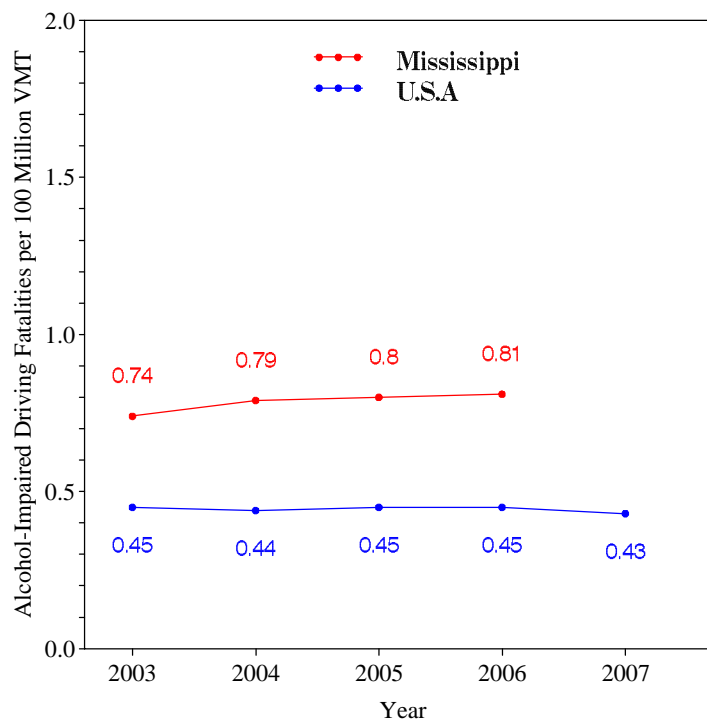


## Fatalities per 100 Million VMT: Mississippi and U.S



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## Alcohol-Impaired Driving Fatalities per 100 Million VMT: Mississippi and U.S



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## Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: Mississippi , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	Mississippi	260	71	27	479	267	56	739	338	46
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	Mississippi	253	66	26	485	220	45	738	286	39
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	Mississippi	265	74	28	498	251	50	763	325	43
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	Mississippi	263	58	22	492	209	42	755	267	35
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	Mississippi	238	37	16	500	106	21	738	143	19
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

\*State (or States) With Highest Percents: Highest Percents Could Be in Different States

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## Passenger Vehicle Occupant Fatalities by Restraint Use: Mississippi , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	Mississippi	764	249	33	62
	US	32,271	14,075	44	79
	Best State*			64	95
2004	Mississippi	778			63
	US	31,866	14,225	45	80
	Best State*			68	95
2005	Mississippi	782	207	27	61
	US	31,549	14,061	45	82
	Best State*			68	95
2006	Mississippi	766			74
	US	30,686	13,760	45	81
	Best State*			66	96
2007	Mississippi	737			72
	US	28,933	13,306	46	82
	Best State*			64	98

\*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

\*\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

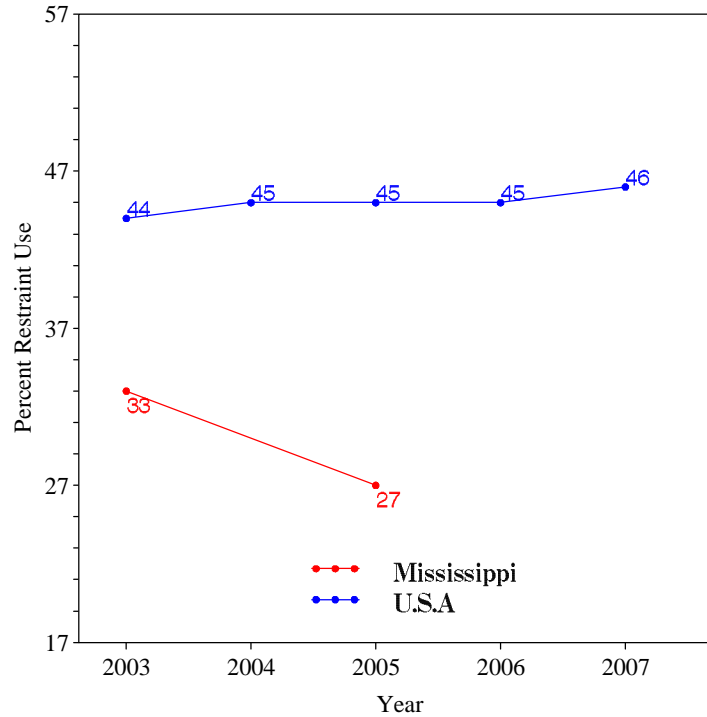
\*\*\*USA Data: National Occupant Protection Use Survey. Mississippi Data: State Survey

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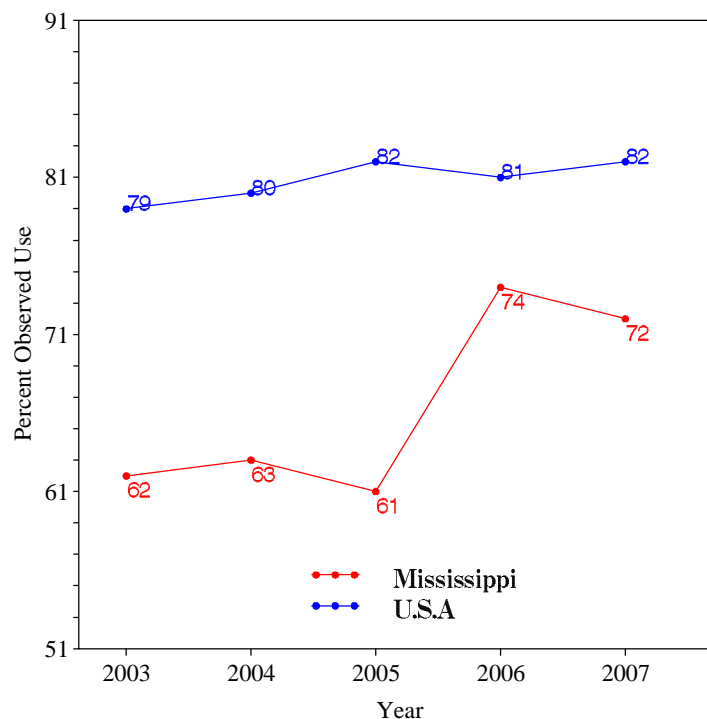


## Passenger Vehicle Occupant Fatalities by Percent Restraint Use: Mississippi and U.S



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## Passenger Vehicle Occupants by Percent Restraint Use Observed: Mississippi and U.S



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## Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	746	243	503	270	230
2004	771	169	602	198	215
2005	762	199	563	238	233
2006	751	205	546	262	180
2007	728	223	505	277	204

\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

\*\*Lives Saved Estimates

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## Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	17	6	11	0	6
2004	7	6	1	7	1
2005	19	8	11	9	6
2006	15	9	6	11	4
2007	9	3	6	3	

\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

\*\*Lives Saved Estimates

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## Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	42	19	23	11	9
2004	40	17	23	10	9
2005	39	28	11	17	4
2006	55	44	11	26	4
2007	51	33	18	20	7

\*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

\*\*Lives Saved Estimates

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## Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
<b>Occupants</b>	<b>Passenger Car</b>	484	19	465	17	452	16	396	15	386	15
	<b>Light Truck - Pickup</b>	180	7	208	8	195	7	230	9	206	8
	<b>Light Truck - Utility</b>	77	3	79	3	103	4	104	4	121	5
	<b>Light Truck - Van</b>	23	1	26	1	32	1	36	1	24	1
	<b>Large Truck</b>	12	0	27	1	18	1	18	1	11	0
	<b>Other/Unknown Occupants</b>	5	0	7	0	15	1	12	0	19	1
	<b>Total Occupants</b>	781	30	812	31	815	30	796	30	767	29
<b>Motorcyclists</b>	<b>Motorcycle</b>	42	2	40	2	39	1	55	2	51	2
<b>Non-Occupants</b>	<b>Pedestrian</b>	40	2	44	2	72	3	56	2	58	2
	<b>Bicyclist and Other Cyclist</b>	8	0	4	0	5	0	3	0	8	0
	<b>Other/Unknown Non-Occupants</b>	1	0	0	0	0	0	1	0	0	0
	<b>Total Non-Occupants</b>	49	2	48	2	77	3	60	2	66	3
<b>Total</b>	<b>Total</b>	872	34	900	34	931	34	911	34	884	34

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## Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
<b>Total Fatalities (All Crashes)</b>	872	900	931	911	884
<b>- Single Vehicle (1)</b>	515	507	575	535	547
<b>- Involving a Large Truck (2)</b>	72	101	91	90	75
<b>- Involving Speeding (3)</b>	170	173	254	365	349
<b>- Involving a Rollover (4)</b>	131	145	163	187	167
<b>- Involving a Roadway Departure (5)</b>	703	727	727	693	678
<b>- Involving an Intersection (or Intersection related) (6)</b>	180	170	190	137	139

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

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### Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2003	3	9	11	8	8	2	41
2004	3	14	11	8	3	0	39
2005	3	10	9	9	3	4	38
2006	0	14	10	17	8	5	54
2007	6	12	13	8	9	2	50

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### Motorcyclist Fatalities Per 100,000 Registered Motorcycles\*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	41	26,998	151.9
2004	39	27,162	143.6
2005	38	27,318	139.1
2006	54	27,553	196.0
2007	50		

\*Data Source: FHWA

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## Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Hinds County	81	32.51
2	Harrison County	50	28.39
3	DeSoto County	35	23.43
4	Forrest County	26	33.23
5	Jackson County	26	19.98
6	Lauderdale County	26	33.72
7	Rankin County	26	18.79
8	Lee County	25	31.11
9	Jones County	24	35.95
10	Marshall County	24	65.40

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Issaquena County	2	119.4
2	Perry County	14	114.7
3	Carroll County	8	77.64
4	George County	16	72.94
5	Tunica County	7	66.97
6	Yalobusha County	9	65.83
7	Marshall County	24	65.40
8	Humphreys County	6	60.04
9	Kemper County	6	59.35
10	Covington County	12	58.94

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## Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Hinds County	33	13.20
2	Harrison County	17	9.65
3	DeSoto County	11	7.43
4	Rankin County	10	7.16
5	Marshall County	9	23.71
6	Jones County	9	12.88
7	Leflore County	8	23.37
8	Lee County	8	9.83
9	Jackson County	8	5.92
10	Lauderdale County	7	9.47

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Issaquena County	2	95.52
2	Carroll County	5	44.64
3	Perry County	4	36.05
4	George County	7	32.82
5	Tallahatchie County	4	30.92
6	Tunica County	3	23.92
7	Marshall County	9	23.71
8	Leflore County	8	23.37
9	Sharkey County	1	23.34
10	Prentiss County	6	21.67

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